

SEQUENCE LISTING

<110> INCYTE GENOMICS, INC.

TANG, Y. Tom

YUE, Henry

YANG, Junming

AZIMZAI, Yalda

BAUGHN, Mariah R.

LU, Dyung Aina M.

<120> HUMAN IMMUNE RESPONSE MOLECULES

<130> PF-0715 PCT

<140> To Be Assigned

<141> Herewith

<150> 60/142,572; 60/153,170

<151> 1999-07-06; 1999-09-09

<160> 20

<170> PERL Program

<210> 1

<211> 737

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 089071CD1

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Met	Arg	Ala	Gln	Asp	Ile	Ile	Gly	His	His	Gln	Ser	Glu	Asp	Arg
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Glu	Thr	Ser	Asp	Arg	Ala	His	Asp	Glu	Asn	Lys	Lys	Lys	Ala	Lys
				20					25					30
Ile	Gln	Lys	Lys	Pro	Ile	Lys	Lys	Lys	Lys	Glu	Asp	Asp	Val	Gly
				35					40					45
Ile	Glu	Arg	Gly	Asn	Ile	Glu	Thr	Thr	Ser	Glu	Asp	Gly	Gln	Val
				50					55					60
Phe	Ser	Pro	Lys	Lys	Gly	Gln	Lys	Lys	Lys	Ser	Ile	Glu	Lys	Lys
				65					70					75
Arg	Lys	Lys	Ser	Lys	Gly	Asp	Ser	Asp	Ile	Ser	Asp	Glu	Glu	Ala
				80					85					90
Val	Gln	Gln	Ser	Lys	Lys	Lys	Arg	Gly	Pro	Arg	Thr	Pro	Pro	Ile
				95					100					105
Thr	Thr	Lys	Glu	Glu	Leu	Val	Glu	Met	Cys	Ser	Gly	Lys	Asn	Gly
				110					115					120
Ile	Leu	Glu	Asp	Ser	Gln	Lys	Lys	Glu	Asp	Thr	Ala	Phe	Ser	Asp
				125					130					135
Trp	Ser	Asp	Glu	Asp	Val	Pro	Asp	Arg	Thr	Glu	Val	Thr	Glu	Ala
				140					145					150
Glu	His	Thr	Ala	Thr	Ala	Thr	Thr	Pro	Gly	Ser	Thr	Pro	Ser	Pro
				155					160					165
Leu	Ser	Ser	Leu	Leu	Pro	Pro	Pro	Pro	Pro	Val	Ala	Thr	Ala	Thr
				170					175					180
Ala	Thr	Thr	Val	Pro	Ala	Thr	Leu	Ala	Ala	Thr	Thr	Ala	Ala	Ala
				185					190					195
Ala	Thr	Ser	Phe	Ser	Thr	Ser	Ala	Ile	Thr	Ile	Ser	Thr	Ser	Ala
				200					205					210
Thr	Pro	Thr	Asn	Thr	Thr	Asn	Asn	Thr	Phe	Ala	Asn	Glu	Asp	Ser
				215					220					225
His	Arg	Lys	Cys	His	Arg	Thr	Arg	Val	Glu	Lys	Val	Glu	Thr	Pro
				230					235					240
His	Val	Thr	Ile	Glu	Asp	Ala	Gln	His	Arg	Lys	Pro	Met	Asp	Gln

245 250 255
 Lys Arg Ser Ser Ser Leu Gly Ser Asn Arg Ser Asn Arg Ser His
 260 265 270
 Thr Ser Gly Arg Leu Arg Ser Pro Ser Asn Asp Ser Ala His Arg
 275 280 285
 Ser Gly Asp Asp Gln Ser Gly Arg Lys Arg Val Leu His Ser Gly
 290 295 300
 Ser Arg Asp Arg Glu Lys Thr Lys Ser Leu Glu Ile Thr Gly Glu
 305 310 315
 Arg Lys Ser Arg Ile Asp Gln Leu Lys Arg Gly Glu Pro Ser Arg
 320 325 330
 Ser Thr Ser Ser Asp Arg Gln Asp Ser Arg Ser His Ser Ser Arg
 335 340 345
 Arg Ser Ser Pro Glu Ser Asp Arg Gln Val His Ser Arg Ser Gly
 350 355 360
 Ser Phe Asp Ser Arg Asp Arg Leu Gln Glu Arg Asp Arg Tyr Glu
 365 370 375
 His Asp Arg Glu Arg Glu Arg Glu Arg Arg Asp Thr Arg Gln Arg
 380 385 390
 Glu Trp Asp Arg Asp Ala Asp Lys Asp Trp Pro Arg Asn Arg Asp
 395 400 405
 Arg Asp Arg Leu Arg Glu Arg Glu Arg Glu Arg Glu Arg Asp Lys
 410 415 420
 Arg Arg Asp Leu Asp Arg Glu Arg Glu Arg Leu Ile Ser Asp Ser
 425 430 435
 Val Glu Arg Asp Arg Asp Arg Asp Arg Asp Arg Thr Phe Glu Ser
 440 445 450
 Ser Gln Ile Glu Ser Val Lys Arg Cys Glu Ala Lys Leu Glu Gly
 455 460 465
 Glu His Glu Arg Asp Leu Glu Ser Thr Ser Arg Asp Ser Leu Ala
 470 475 480
 Leu Asp Lys Glu Arg Met Asp Lys Asp Leu Gly Ser Val Gln Gly
 485 490 495
 Phe Glu Glu Thr Asn Lys Ser Glu Arg Thr Glu Ser Leu Glu Gly
 500 505 510
 Asp Asp Glu Ser Lys Leu Asp Asp Ala His Ser Leu Gly Ser Gly
 515 520 525
 Ala Gly Glu Gly Tyr Glu Pro Ile Ser Asp Asp Glu Leu Asp Glu
 530 535 540
 Ile Leu Ala Gly Asp Ala Glu Lys Arg Glu Asp Gln Gln Asp Glu
 545 550 555
 Glu Lys Met Pro Asp Pro Leu Asp Val Ile Asp Val Asp Trp Ser
 560 565 570
 Gly Leu Met Pro Lys His Pro Lys Glu Pro Arg Glu Pro Gly Ala
 575 580 585
 Ala Leu Leu Lys Phe Thr Pro Gly Ala Val Met Leu Arg Val Gly
 590 595 600
 Ile Ser Lys Lys Leu Ala Gly Ser Glu Leu Phe Ala Lys Val Lys
 605 610 615
 Glu Thr Cys Gln Arg Leu Leu Glu Lys Pro Lys Asp Ala Asp Asn
 620 625 630
 Leu Phe Glu His Glu Leu Gly Ala Leu Asn Met Ala Ala Leu Leu
 635 640 645
 Arg Lys Glu Glu Arg Ala Ser Leu Leu Ser Asn Leu Gly Pro Cys
 650 655 660
 Cys Lys Ala Leu Cys Phe Arg Arg Asp Ser Ala Ile Arg Lys Gln
 665 670 675
 Leu Val Lys Asn Glu Lys Gly Thr Ile Arg Gln Ala Tyr Thr Ser
 680 685 690
 Ala Pro Met Val Asp Asn Glu Leu Leu Arg Leu Ser Leu Arg Leu
 695 700 705
 Phe Lys Arg Lys Thr Thr Cys His Ala Pro Gly His Glu Lys Thr
 710 715 720
 Glu Asp Asn Lys Leu Ser Gln Ser Ser Ile Gln Gln Glu Leu Cys
 725 730 735
 Val Ser

<210> 2
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 <213> Homo sapiens

<220>
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 Met Arg Leu Ala Thr Lys Gly Gln Asp Ile Gln Glu Cys Thr Thr
 1 5 10 15
 Gln Ile Gln Tyr Leu Lys Gln Val Gln Gln Pro Ser Val Ala Gln
 20 25 30
 Leu Arg Ser Thr Met Val Asp Pro Ala Ile Asn Leu Phe Phe Leu
 35 40 45
 Lys Met Lys Gly Glu Leu Glu Gln Thr Lys Asp Lys Leu Glu Gln
 50 55 60
 Ala Gln Asn Glu Leu Ser Ala Trp Lys Phe Thr Pro Asp Ser Gln
 65 70 75
 Thr Gly Lys Lys Leu Met Ala Lys Cys Arg Met Leu Ile Gln Glu
 80 85 90
 Asn Gln Glu Leu Gly Arg Gln Leu Ser Gln Gly Arg Ile Ala Gln
 95 100 105
 Leu Glu Ala Glu Leu Ala Leu Gln Lys Lys Tyr Ser Glu Glu Leu
 110 115 120
 Lys Ser Ser Gln Asp Glu Leu Asn Asp Phe Ile Ile Gln Leu Asp
 125 130 135
 Glu Glu Val Glu Gly Met Gln Ser Thr Ile Leu Val Leu Gln Gln
 140 145 150
 Gln Leu Lys Glu Thr Arg Gln Gln Leu Ala Gln Tyr Gln Gln Gln
 155 160 165
 Gln Ser Gln Ala Ser Ala Pro Ser Thr Ser Arg Thr Thr Ala Ser
 170 175 180
 Glu Pro Val Glu Gln Ser Glu Ala Thr Ser Lys Asp Cys Ser Arg
 185 190 195
 Leu Thr Asn Gly Pro Ser Asn Gly Ser Ser Ser Arg Gln Arg Thr
 200 205 210
 Ser Gly Ser Gly Phe His Arg Glu Gly Asn Thr Thr Glu Asp Asp
 215 220 225
 Phe Pro Ser Ser Pro Gly Asn Gly Asn Lys Ser Ser Asn Ser Ser
 230 235 240
 Glu Glu Arg Thr Gly Arg Gly Gly Ser Gly Tyr Val Asn Gln Leu
 245 250 255
 Ser Ala Gly Tyr Glu Ser Val Asp Ser Pro Thr Gly Ser Glu Asn
 260 265 270
 Ser Leu Thr His Gln Ser Asn Asp Thr Asp Ser Ser His Asp Pro
 275 280 285
 Gln Glu Glu Lys Ala Val Ser Gly Lys Gly Asn Arg Thr Val Gly
 290 295 300
 Ser Arg His Val Gln Asn Gly Leu Asp Ser Ser Val Asn Val Gln
 305 310 315
 Gly Ser Val Leu

<210> 3
 <211> 131
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Incyte ID No: 3706232CD1

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 Met Arg Leu Phe Leu Trp Asn Ala Val Leu Thr Leu Phe Val Thr
 1 5 10 15
 Ser Leu Ile Gly Ala Leu Ile Pro Glu Pro Glu Val Lys Ile Glu

Val	Leu	Gln	Lys	Pro	Phe	Ile	Cys	His	Arg	Lys	Thr	Lys	Gly	Gly	20	25	30
				35					40								45
Asp	Leu	Met	Leu	Val	His	Tyr	Glu	Gly	Tyr	Leu	Glu	Lys	Asp	Gly	50	55	60
Ser	Leu	Phe	His	Ser	Thr	His	Lys	His	Asn	Asn	Gly	Gln	Pro	Ile	65	70	75
Trp	Phe	Thr	Leu	Gly	Ile	Leu	Glu	Ala	Leu	Lys	Gly	Trp	Asp	Gln	80	85	90
Gly	Leu	Lys	Gly	Met	Cys	Val	Gly	Glu	Lys	Arg	Lys	Leu	Ile	Ile	95	100	105
Pro	Pro	Ala	Leu	Gly	Tyr	Gly	Lys	Glu	Gly	Lys	Glu	Leu	Ser	Ala	110	115	120
Thr	His	Pro	Cys	Arg	Arg	Met	Phe	Lys	Gln	Ile					125	130	

<210> 4

<211> 642

<212> PRT

<213> Homo sapiens

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<223> Incyte ID No: 259836CD1

<400> 4

Met	Ile	Pro	Asn	Gly	Tyr	Leu	Met	Phe	Glu	Asp	Glu	Asn	Phe	Ile	1	5	10	15
Glu	Ser	Ser	Val	Ala	Lys	Leu	Asn	Ala	Leu	Arg	Lys	Ser	Gly	Gln	20	25	30	35
Phe	Cys	Asp	Val	Arg	Leu	Gln	Val	Cys	Gly	His	Glu	Met	Leu	Ala	40	45	50	55
His	Arg	Ala	Val	Leu	Ala	Cys	Cys	Ser	Pro	Tyr	Leu	Phe	Glu	Ile	60	65	70	75
Phe	Asn	Ser	Asp	Ser	Asp	Pro	His	Gly	Ile	Ser	His	Val	Lys	Phe	80	85	90	95
Asp	Asp	Leu	Asn	Pro	Glu	Ala	Val	Glu	Val	Leu	Leu	Asn	Tyr	Ala	100	105	110	115
Tyr	Thr	Ala	Gln	Leu	Lys	Ala	Asp	Lys	Glu	Leu	Val	Lys	Asp	Val	120	125	130	135
Tyr	Ser	Ala	Ala	Lys	Lys	Leu	Lys	Met	Asp	Arg	Val	Lys	Gln	Val	140	145	150	155
Cys	Gly	Asp	Tyr	Leu	Leu	Ser	Arg	Met	Asp	Val	Thr	Ser	Cys	Ile	160	165	170	175
Ser	Tyr	Arg	Asn	Phe	Ala	Ser	Cys	Met	Gly	Asp	Ser	Arg	Leu	Leu	180	185	190	195
Asn	Lys	Val	Asp	Ala	Tyr	Ile	Gln	Glu	His	Leu	Leu	Gln	Ile	Ser	200	205	210	215
Glu	Glu	Glu	Glu	Phe	Leu	Lys	Leu	Pro	Arg	Leu	Lys	Leu	Glu	Val	220	225	230	235
Met	Leu	Glu	Asp	Asn	Val	Cys	Leu	Pro	Ser	Asn	Gly	Lys	Leu	Tyr	240	245	250	255
Thr	Lys	Val	Ile	Asn	Trp	Val	Gln	Arg	Ser	Ile	Trp	Glu	Asn	Gly	260	265	270	275
Asp	Ser	Leu	Glu	Glu	Leu	Met	Glu	Glu	Val	Gln	Thr	Leu	Tyr	Tyr	280	285	290	295
Ser	Ala	Asp	His	Lys	Leu	Leu	Asp	Gly	Asn	Leu	Leu	Asp	Gly	Gln	300	305	310	315
Ala	Glu	Val	Phe	Gly	Ser	Asp	Asp	Asp	His	Ile	Gln	Phe	Val	Gln				
Lys	Lys	Pro	Pro	Arg	Glu	Asn	Gly	His	Lys	Gln	Ile	Ser	Ser	Ser				
Ser	Thr	Gly	Cys	Leu	Ser	Ser	Pro	Asn	Ala	Thr	Val	Gln	Ser	Pro				
Lys	His	Glu	Trp	Lys	Ile	Val	Ala	Ser	Glu	Lys	Thr	Ser	Asn	Asn				
Thr	Tyr	Leu	Cys	Leu	Ala	Val	Leu	Asp	Gly	Ile	Phe	Cys	Val	Ile				

10030389-0103002

Phe Leu His Gly Arg Asn Ser Pro Gln Ser Ser Pro Thr Ser Thr
 320 325 330
 Pro Lys Leu Ser Lys Ser Leu Ser Phe Glu Met Gln Gln Asp Glu
 335 340 345
 Leu Ile Glu Lys Pro Met Ser Pro Met Gln Tyr Ala Arg Ser Gly
 350 355 360
 Leu Gly Thr Ala Glu Met Asn Gly Lys Leu Ile Ala Ala Gly Gly
 365 370 375
 Tyr Asn Arg Glu Glu Cys Leu Arg Thr Val Glu Cys Tyr Asn Pro
 380 385 390
 His Thr Asp His Trp Ser Phe Leu Ala Pro Met Arg Thr Pro Arg
 395 400 405
 Ala Arg Phe Gln Met Ala Val Leu Met Gly Gln Leu Tyr Val Val
 410 415 420
 Gly Gly Ser Asn Gly His Ser Asp Asp Leu Ser Cys Gly Glu Met
 425 430 435
 Tyr Asp Ser Asn Ile Asp Asp Trp Ile Pro Val Pro Glu Leu Arg
 440 445 450
 Thr Asn Arg Cys Asn Ala Gly Val Cys Ala Leu Asn Gly Lys Leu
 455 460 465
 Tyr Ile Val Gly Gly Ser Asp Pro Tyr Gly Gln Lys Gly Leu Lys
 470 475 480
 Asn Cys Asp Val Phe Asp Pro Val Thr Lys Leu Trp Thr Ser Cys
 485 490 495
 Ala Pro Leu Asn Ile Arg Arg His Gln Ser Ala Val Cys Glu Leu
 500 505 510
 Gly Gly Tyr Leu Tyr Ile Ile Gly Gly Ala Glu Ser Trp Asn Cys
 515 520 525
 Leu Asn Thr Val Glu Arg Tyr Asn Pro Glu Asn Asn Thr Trp Thr
 530 535 540
 Leu Ile Ala Pro Met Asn Val Ala Arg Arg Gly Ala Gly Val Ala
 545 550 555
 Val Leu Asn Gly Lys Leu Phe Val Cys Gly Gly Phe Asp Gly Ser
 560 565 570
 His Ala Ile Ser Cys Val Glu Met Tyr Asp Pro Thr Arg Asn Glu
 575 580 585
 Trp Lys Met Met Gly Asn Met Thr Ser Pro Arg Ser Asn Ala Gly
 590 595 600
 Ile Ala Thr Val Gly Asn Thr Ile Tyr Ala Val Gly Gly Phe Asp
 605 610 615
 Gly Asn Glu Phe Leu Asn Thr Val Glu Val Tyr Asn Leu Glu Ser
 620 625 630
 Asn Glu Trp Ser Pro Tyr Thr Lys Ile Phe Gln Phe
 635 640

<210> 5

<211> 349

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 893681CD1

<400> 5

Met Glu Thr Pro Pro Val Asn Thr Ile Gly Glu Lys Asp Thr Ser
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 Gln Pro Gln Gln Glu Trp Glu Lys Asn Leu Arg Glu Asn Leu Asp
 20 25 30
 Ser Val Ile Gln Ile Arg Gln Gln Pro Arg Asp Pro Pro Thr Glu
 35 40 45
 Thr Leu Glu Leu Glu Val Ser Pro Asp Pro Ala Ser Gln Ile Leu
 50 55 60
 Glu His Thr Gln Gly Ala Glu Lys Leu Val Ala Glu Leu Glu Gly
 65 70 75
 Asp Ser His Lys Ser His Gly Ser Thr Ser Gln Met Pro Glu Ala
 80 85 90
 Leu Gln Ala Ser Asp Leu Trp Tyr Cys Pro Asp Gly Ser Phe Val

95 100 105
 Lys Lys Ile Val Ile Arg Gly His Gly Leu Asp Lys Pro Lys Leu
 110 115 120
 Gly Ser Cys Cys Arg Val Leu Ala Leu Gly Phe Pro Phe Gly Ser
 125 130 135
 Gly Pro Pro Glu Gly Trp Thr Glu Leu Thr Met Gly Val Gly Pro
 140 145 150
 Trp Arg Glu Glu Thr Trp Gly Glu Leu Ile Glu Lys Cys Leu Glu
 155 160 165
 Ser Met Cys Gln Gly Glu Glu Ala Glu Leu Gln Leu Pro Gly His
 170 175 180
 Ser Gly Pro Pro Val Arg Leu Thr Leu Ala Ser Phe Thr Gln Gly
 185 190 195
 Arg Asp Ser Trp Glu Leu Glu Thr Ser Glu Lys Glu Ala Leu Ala
 200 205 210
 Arg Glu Glu Arg Ala Arg Gly Thr Glu Leu Phe Arg Ala Gly Asn
 215 220 225
 Pro Glu Gly Ala Ala Arg Cys Tyr Gly Arg Ala Leu Arg Leu Leu
 230 235 240
 Leu Thr Leu Pro Pro Pro Gly Pro Pro Glu Arg Thr Val Leu His
 245 250 255
 Ala Asn Leu Ala Ala Cys Gln Leu Leu Leu Gly Gln Pro Gln Leu
 260 265 270
 Ala Ala Gln Ser Cys Asp Arg Val Leu Glu Arg Glu Pro Gly His
 275 280 285
 Leu Lys Ala Leu Tyr Arg Arg Gly Val Ala Gln Ala Ala Leu Gly
 290 295 300
 Asn Leu Glu Lys Ala Thr Ala Asp Leu Lys Lys Val Leu Ala Ile
 305 310 315
 Asp Pro Lys Asn Arg Ala Ala Gln Glu Glu Leu Gly Lys Val Val
 320 325 330
 Ile Gln Gly Lys Asn Gln Asp Ala Gly Leu Ala Gln Gly Leu Arg
 335 340 345
 Lys Met Phe Gly

<210> 6

<211> 300

<212> PRT

<213> Homo sapiens

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<223> Incyte ID No: 2109468CD1

<400> 6

Met Ala Glu Ser Glu Asp Arg Ser Leu Arg Ile Val Leu Val Gly
 1 5 10 15
 Lys Thr Gly Ser Gly Lys Ser Ala Thr Ala Asn Thr Ile Leu Gly
 20 25 30
 Glu Glu Ile Phe Asp Ser Arg Ile Ala Ala Gln Ala Val Thr Lys
 35 40 45
 Asn Cys Gln Lys Ala Ser Arg Glu Trp Gln Gly Arg Asp Leu Leu
 50 55 60
 Val Val Asp Thr Pro Gly Leu Phe Asp Thr Lys Glu Ser Leu Asp
 65 70 75
 Thr Thr Cys Lys Glu Ile Ser Arg Cys Ile Ile Ser Ser Cys Pro
 80 85 90
 Gly Pro His Ala Ile Val Leu Val Leu Leu Leu Gly Arg Tyr Thr
 95 100 105
 Glu Glu Glu Gln Lys Thr Val Ala Leu Ile Lys Ala Val Phe Gly
 110 115 120
 Lys Ser Ala Met Lys His Met Val Ile Leu Phe Thr Arg Lys Glu
 125 130 135
 Glu Leu Glu Gly Gln Ser Phe His Asp Phe Ile Ala Asp Ala Asp
 140 145 150
 Val Gly Leu Lys Ser Ile Val Lys Glu Cys Gly Asn Arg Cys Cys
 155 160 165

Ala	Phe	Ser	Asn	Ser	Lys	Lys	Thr	Ser	Lys	Ala	Glu	Lys	Glu	Ser
				170					175					180
Gln	Val	Gln	Glu	Leu	Val	Glu	Leu	Ile	Glu	Lys	Met	Val	Gln	Cys
				185					190					195
Asn	Glu	Gly	Ala	Tyr	Phe	Ser	Asp	Asp	Ile	Tyr	Lys	Asp	Thr	Glu
				200					205					210
Glu	Arg	Leu	Lys	Gln	Arg	Glu	Glu	Val	Leu	Arg	Lys	Ile	Tyr	Thr
				215					220					225
Asp	Gln	Leu	Asn	Glu	Glu	Ile	Lys	Leu	Val	Glu	Glu	Asp	Lys	His
				230					235					240
Lys	Ser	Glu	Glu	Glu	Lys	Glu	Lys	Glu	Ile	Lys	Leu	Leu	Lys	Leu
				245					250					255
Lys	Tyr	Asp	Glu	Lys	Ile	Lys	Asn	Ile	Arg	Glu	Glu	Ala	Glu	Arg
				260					265					270
Asn	Ile	Phe	Lys	Asp	Val	Phe	Asn	Arg	Ile	Trp	Lys	Met	Leu	Ser
				275					280					285
Glu	Ile	Trp	His	Arg	Phe	Leu	Ser	Lys	Cys	Lys	Phe	Tyr	Ser	Ser
				290					295					300

<210> 7
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<220>
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 <223> Incyte ID No: 2223341CD1

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Met	Ser	Cys	Thr	Ile	Glu	Lys	Ala	Leu	Ala	Asp	Ala	Lys	Ala	Leu
1				5					10					15
Val	Glu	Arg	Leu	Arg	Asp	His	Asp	Asp	Ala	Ala	Glu	Ser	Leu	Ile
				20					25					30
Glu	Gln	Thr	Thr	Ala	Leu	Asn	Lys	Arg	Val	Glu	Ala	Met	Lys	Gln
				35					40					45
Tyr	Gln	Glu	Glu	Ile	Gln	Glu	Leu	Asn	Glu	Val	Ala	Arg	His	Arg
				50					55					60
Pro	Arg	Ser	Thr	Leu	Val	Met	Gly	Ile	Gln	Gln	Glu	Asn	Arg	Gln
				65					70					75
Ile	Arg	Glu	Leu	Gln	Gln	Glu	Asn	Lys	Glu	Leu	Arg	Thr	Ser	Leu
				80					85					90
Glu	Glu	His	Gln	Ser	Ala	Leu	Glu	Leu	Ile	Met	Ser	Lys	Tyr	Arg
				95					100					105
Glu	Gln	Met	Phe	Arg	Leu	Leu	Met	Ala	Ser	Lys	Lys	Arg		
				110					115					

<210> 8
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 <213> Homo sapiens

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<400> 8														
Met	His	Leu	Ala	Leu	Thr	Thr	Val	Leu	Leu	Trp	Ala	Trp	Gly	Ser
1				5					10					15
Leu	Gln	Ala	Phe	Glu	Ile	Val	Glu	Lys	Glu	Asn	Ile	Phe	Gln	Arg
				20					25					30
Thr	Pro	Cys	Pro	Ala	Phe	Leu	Met	Phe	Glu	Asn	Ala	Ala	Tyr	Leu
				35					40					45
Ala	Asp	Met	Ser	Phe	Glu	Leu	Pro	Cys	His	Cys	Lys	Pro	Glu	Glu
				50					55					60
Val	Pro	Ala	Val	Val	Trp	Phe	Tyr	Gln	Lys	His	Leu	Gly	Ser	Ser
				65					70					75
His	Thr	Lys	Val	Leu	Thr	Asp	Phe	Asp	Gly	Arg	Val	Leu	Thr	Glu
				80					85					90

Ala Ala Gln Val Arg Val Gly Ser Asp Met Leu Thr Arg Phe Ser
 95 100 105
 Ile Arg Met Phe Ser Leu Leu Val Phe Arg Ala Gln Ser Glu Asp
 110 115 120
 Ser Gly Leu Tyr Phe Cys Gly Thr Arg Lys Gly Asp Tyr Phe Tyr
 125 130 135
 Ala Tyr Asp Val Asp Ile Gln Asn Ser Glu Gly Met Val Ala Thr
 140 145 150
 Phe Gln Asp Glu Gly Gln Glu Pro Phe Ala Asp Glu Tyr Tyr Gly
 155 160 165
 His Leu His Val Phe Thr Thr Phe Trp Glu Trp Thr Pro Cys Asp
 170 175 180
 Arg Cys Gly Val Arg Gly Glu Gln Trp Arg Ile Gly Leu Cys Tyr
 185 190 195
 Leu Gln Ser Pro Asp Leu Ser Pro Arg Tyr Leu Lys Ala Val Pro
 200 205 210
 Asp Val Val Ser Cys Gly Ser Arg Ala Val Pro Arg Lys Leu Arg
 215 220 225
 Thr Lys Ala Arg Asp His Thr Pro Glu Val Leu Val Arg Ser Cys
 230 235 240
 Leu Val Pro Cys Glu Lys Thr Lys Thr Ile Arg Glu Gly Val Leu
 245 250 255
 Ala Ile Ile Asn Tyr Val Ser Lys Val Gly Ser Arg Pro Leu Gly
 260 265 270
 Ala Pro Gly Ala His Ser Val Pro Pro Ala Glu Thr Gly Pro Trp
 275 280 285
 Thr His His Leu Leu Ser Trp Ala Arg Gln Ser Met Gln Trp Pro
 290 295 300
 Gly Thr Lys Thr Ala Ser Thr Ser Thr Ala His Ser Thr
 305 310

<210> 9

<211> 139

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2362126CD1

<400> 9

Met Glu Phe Phe Cys Trp Phe Trp Gly Phe Trp Ser Trp Leu Leu
 1 5 10 15
 Asn Met Ile Arg Pro Gln Asn Ala Lys Asp Ser Thr Ser Asn Ser
 20 25 30
 Met Glu Asn Thr Asp Ser Pro Trp Cys Glu Leu Phe Lys Glu Leu
 35 40 45
 Tyr Lys Ile Asn Ala Phe Asp Thr Pro Asp Ser Leu Leu Met Arg
 50 55 60
 Gly Lys Glu Phe Ser Asp Pro Ile His His Thr Phe Asp His Met
 65 70 75
 Trp Arg Thr Lys Glu His Asn Glu Ala Gly Trp Leu Leu Leu Ser
 80 85 90
 Ser Val Asp Lys Val Met Lys Glu Asn Asp Glu Leu Gly Asp Ser
 95 100 105
 Ile Ser Gln Leu Gln Lys Gln Ile Leu Ser Leu Lys Ser Ala Lys
 110 115 120
 Ile Ala Leu Ser Glu Ser Leu Ile Ser Cys Arg Glu Arg Thr Glu
 125 130 135
 Ile Val Glu Lys

<210> 10

<211> 565

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 5325511CD1

<400> 10

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Met Asn Val Ile Asp His Val Arg Asp Met Ala Ala Ala Gly Leu
1      5      10      15
His Ser Asn Val Arg Leu Leu Ser Ser Leu Leu Leu Thr Met Ser
20      25      30
Asn Asn Asn Pro Glu Leu Phe Ser Pro Pro Gln Lys Tyr Gln Leu
35      40      45
Leu Val Tyr His Ala Asp Ser Leu Phe His Asp Lys Glu Tyr Arg
50      55      60
Asn Ala Val Ser Lys Tyr Thr Met Ala Leu Gln Gln Lys Lys Ala
65      70      75
Leu Ser Lys Thr Ser Lys Val Arg Pro Ser Thr Gly Asn Ser Ala
80      85      90
Ser Thr Pro Gln Ser Gln Cys Leu Pro Ser Glu Ile Glu Val Lys
95      100     105
Tyr Lys Met Ala Glu Cys Tyr Thr Met Leu Lys Gln Asp Lys Asp
110     115     120
Ala Ile Ala Ile Leu Asp Gly Ile Pro Ser Arg Gln Arg Thr Pro
125     130     135
Lys Ile Asn Met Met Leu Ala Asn Leu Tyr Lys Lys Ala Gly Gln
140     145     150
Glu Arg Pro Ser Val Thr Ser Tyr Lys Glu Val Leu Arg Gln Cys
155     160     165
Pro Leu Ala Leu Asp Ala Ile Leu Gly Leu Leu Ser Leu Ser Val
170     175     180
Lys Gly Ala Glu Val Ala Ser Met Thr Met Asn Val Ile Gln Thr
185     190     195
Val Pro Asn Leu Asp Trp Leu Ser Val Trp Ile Lys Ala Tyr Ala
200     205     210
Phe Val His Thr Gly Asp Asn Ser Arg Ala Ile Ser Thr Ile Cys
215     220     225
Ser Leu Glu Lys Lys Ser Leu Leu Arg Asp Asn Val Asp Leu Leu
230     235     240
Gly Ser Leu Ala Asp Leu Tyr Phe Arg Ala Gly Asp Asn Lys Asn
245     250     255
Ser Val Leu Lys Phe Glu Gln Ala Gln Met Leu Asp Pro Tyr Leu
260     265     270
Ile Lys Gly Met Asp Val Tyr Gly Tyr Leu Leu Ala Arg Glu Gly
275     280     285
Arg Leu Glu Asp Val Glu Asn Leu Gly Cys Arg Leu Phe Asn Ile
290     295     300
Ser Asp Gln His Ala Glu Pro Trp Val Val Ser Gly Cys His Ser
305     310     315
Phe Tyr Ser Lys Arg Tyr Ser Arg Ala Leu Tyr Leu Gly Ala Lys
320     325     330
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335     340     345
Gly Ala Ala Leu Arg Asn Met Gly Arg Val Gln Glu Ala Ile Ile
350     355     360
His Phe Arg Glu Ala Ile Arg Leu Ala Pro Cys Arg Leu Asp Cys
365     370     375
Tyr Glu Gly Leu Ile Glu Cys Tyr Leu Ala Ser Asn Ser Ile Arg
380     385     390
Glu Ala Met Val Met Ala Asn Asn Val Tyr Lys Thr Leu Gly Ala
395     400     405
Asn Ala Gln Thr Leu Thr Leu Leu Ala Thr Val Cys Leu Glu Asp
410     415     420
Pro Val Thr Gln Glu Lys Ala Lys Thr Leu Leu Asp Lys Ala Leu
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Thr Gln Arg Pro Asp Tyr Ile Lys Ala Val Val Lys Lys Ala Glu
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Arg Asn Ala Leu Ala Asn Gln Ser Asp Cys Val Leu His Arg Ile
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Leu Gly Asp Phe Leu Val Ala Val Asn Glu Tyr Gln Glu Ala Met
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 Ser Leu Glu Gly Met Gln Lys Met Glu Glu Glu Ser Pro Thr
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<223> Incyte ID No: 089071CB1

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<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 2378306CB1

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<211> 2702

<212> DNA
<213> Homo sapiens

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<223> Incyte ID No: 259836CB1

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<212> DNA
<213> Homo sapiens

<220>
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 <222> 1177
 <223> a, t, c, g, or other

<400> 17

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<210> 18

<211> 1673

<212> DNA

<213> Homo sapiens

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